



STIC Search Report

EIC 2100

STIC Database Tracking Number: 168460

TO: Marilyn Nguyen
Location: RND 3C19
Art Unit: 2163
Thursday, October 13, 2005

Case Serial Number: 10/010393

From: Emory Damron
Location: EIC 2100
RND 4B19
Phone: 571-272-3520

Emory.Damron@uspto.gov

Search Notes

Dear Marilyn,

BEST AVAILABLE COPY

Please find below your fast and focused search.

References of potential pertinence have been tagged, but please review all the packets in case you like something I didn't.

Of those references which have been tagged, please note any manual highlighting which I've done within the document.

In addition to searching on Dialog, I also searched EPO/JPO/Derwent.

There may be a few decent references contained herein, but I'll let you determine how useful they may be to you.

Please contact me if I can refocus or expand any aspect of this case, and please take a moment to provide any feedback (on the form provided) so EIC 2100 may better serve your needs. Good Luck!

Sincerely,

Emory Damron

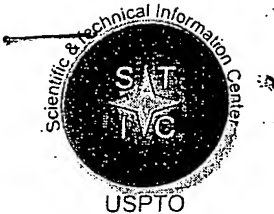
Technical Information Specialist

EIC 2100, US Patent & Trademark Office

Phone: (571) 272-3520

Emory.damron@uspto.gov





STIC EIC 2100 Search Request Form

168460

40

Today's Date:

~~05/04/05~~ 10/07/05

What date would you like to use to limit the search?

Priority Date: 12/07/00 Other:

Name Merilyn Nguyen

AU 2163 Examiner # 79389

Room # 200.3019 Phone # 24026

Serial # 10/010393

Format for Search Results (Circle One):

PAPER

DISK

EMAIL

Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB

IEEE INSPEC SPI Other _____

Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

online resource for assisting users to find matches for fitness activities between users based on user profiles. The fitness activities may be scheduled and arranged via server. Sending an invitation to participate in the scheduled fitness activity to the selected user.

- A user interface enables a user to request suitable partner for a fitness activity → return a list of suitable partners.

★ Claim 26 most likely describe the invention.

key words:

fitness activities, matches, participant feedback, Website to match persons for fitness activities, schedule of fitness activities, user fitness activity profile.

P6P132002/007095y

Citations of art: Mui (US 2003/0229529), Brown (US 6,601,016)

STIC Searcher Emory Damm

Phone 23520

Date picked up 10/13/05

Date Completed 10/13/05



X COPY



STIC Search Results Feedback Form

EIC 2100

Questions about the scope or the results of the search? Contact *the EIC searcher or contact:*

Anne Hendrickson, EIC 2100 Team Leader
272-3490, RND 4B28

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: 2163 Example: 2133

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC2100 RND, 4B28



Set	Items	Description
S1	625484	ONLINE? OR (SERVER? OR COMPUTER?) (2N)SYSTEM? OR NETWORK? OR NET? ?
S2	133243	INTERNET? OR WORLD()WIDE()WEB OR WEBPAGE? OR WEBSITE? OR WEB() (SITE? OR PAGE? OR ADDRESS?)
S3	109149	LAN? ? OR WAN? ? OR ETHERNET?
S4	2112720	MATCH? OR COINCID? OR COMPATIB? OR PAIR? OR PARTNER? OR IDENTICAL? OR SIMILAR? OR SYNCHRON? OR EQUALIZ? OR EQUALIS?
S5	72808	FITNESS? OR PHYSICAL?(2N) (ENDURANC? OR ACTIVIT?) OR EXERCISE? OR WORK?()OUT OR WORKOUT? OR SPA? ?
S6	3478	GYM OR GYMNASIUM OR (ATHLET? OR HEALTH? OR RECREATION? OR SPORT?) () (FACILIT? OR CLUB? OR CENTER? OR CENTRE? OR RESORT?)
S7	771082	USER? OR PARTICIPANT? OR SUBSCRIBER? OR ENROLLEE? OR CUSTOMER? OR CLIENT? OR PARTY OR PARTIES
S8	217581	PROFILE? OR CUSTOMIZ? OR CUSTOMIS? OR (TAILOR? OR CUSTOM?) - () (MAKE? OR MAKING? OR MADE?)
S9	6032	PERSONALIZ? OR PERSONALIS? OR INDIVIDUALIZ? OR INDIVIDUALIS?
S10	452	(SKILL? OR PROFICIEN? OR LOCALE? OR AGE OR GENDER OR SEX) (-3N) (PARAMETER? OR CRITER? OR VALUE?)
S11	440	(SKILL? OR PROFICIEN? OR LOCALE? OR AGE OR GENDER OR SEX) (-3N) (CHARACTERIST? OR TRAIT? OR ATTRIBUT?)
S12	533656	SCHEDUL? OR CALENDAR? OR AGENDA? OR ITINERAR? OR ARRANGEMENT?
S13	190033	PENCIL?()IN OR (TIME OR DATE OR PLACE OR LOCATION?) (3N) (DATA? OR INFO?)
S14	58641	INVIT? OR EMAIL? OR INSTANT()MESSAG? OR (E OR ELECTRONIC?) - ()MAIL? OR REMINDER? OR PROMPT?
S15	41752	PARTNER? OR BUDDY? OR BUDDIE? OR COMPANION? OR SPOTTER? OR PAL? ? OR FITPAL?
S16	157491	FEEDBACK? OR CLOSED()LOOP? OR FEED?()BACK? OR SUGGESTION?
S17	285919	COMMENTS OR COMMENTAR? OR CRITIQU? OR SOLICIT?(2N)OPINION? OR POLL? OR SURVEY? OR QUESTIONAIR? OR QUESTIONNAIR?
S18	1249894	IC=G06F?
S19	940541	MC=T01?
S20	3400	S1:S3 AND S5:S6
S21	187	S20 AND (S4 OR S8:S11) AND (S7 OR S15)
S22	53	S21 AND (S12:S13 OR S14 OR S16:S17)
S23	142	S21 AND S18:S19
S24	187	S21:S23
S25	842302	PR=2001:2005
S26	153	S24 NOT S25
S27	153	IDPAT (sorted in duplicate/non-duplicate order)

File 347:JAPIO Nov 1976-2005/Jun(Updated 051004)
(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200565
(c) 2005 Thomson Derwent

27/3,K/88 (Item 88 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

Good!

014213326 **Image available**
WPI Acc No: 2002-034024/200204
XRPX Acc No: N02-026228

Health data delivery system includes computer to which performance data is input, based on individual user 's convenience

Patent Assignee: GETFIT.COM (GETF-N)

Inventor: FELLE O; HAGLE C; LEVITT R; MEZVINSKY M; WIENER A

Number of Countries: 090 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200116855	A2	20010308	WO 2000US22267	A	20000811	200204 B
AU 200067714	A	20010326	AU 200067714	A	20000811	200204

Priority Applications (No Type Date): US 99373646 A 19990813

→ABANDONED

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200116855 A2 E 128 G06F-019/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200067714 A G06F-019/00 Based on patent WO 200116855

Health data delivery system includes computer to which performance data is input, based on individual user 's convenience

Abstract (Basic):

... An individual **user** inputs performance data into a portable device or directly into data delivery system, based on...

...in the system. Performance data is input to a computer that communicates health, nutrition and **fitness** programs to portable device, based on individual **user** 's convenience. The performance data is then recorded in application stored in computer.

... The application resident in the computer, creates and manages one or more health, nutrition and **fitness** programs. The computer includes an interface for transferring health, nutrition and **fitness** programs between computer and portable device or allows an individual **user** to transfer current health, nutrition and **fitness** programs to the portable device directly. Real-time **feedback** and analysis are provided with respect to the performance data...

...For establishing, maintaining and improving **exercise** , nutrition or rehabilitation regime, for use with interactive electronic devices such as personal digital assistants, **Palm** Pilot, Vitalwatch...

...Establishes, maintains and improves **exercise** , nutrition or rehabilitation regime. Provides data delivery system that operates over multiple interactive platforms and that is **synchronized** via **world wide web** .

...

...The figure shows the block diagram of health and **fitness** data delivery system

...Title Terms: **USER** ;

International Patent Class (Main): G06F-019/00

...Manual Codes (EPI/S-X): T01-G11C ...

... T01-H07C5E ...

... T01-H07C5S ...

... T01-J05B4P ...

... T01-J06A1 ...

... T01-M06A1A ...

... T01-N02A2C

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
8 March 2001 (08.03.2001)

PCT

(10) International Publication Number
WO 01/16855 A2

- (51) International Patent Classification⁷: **G06F 19/00**
- (21) International Application Number: **PCT/US00/22267**
- (22) International Filing Date: **11 August 2000 (11.08.2000)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
09/373,646 **13 August 1999 (13.08.1999)** **US**
- (71) Applicant: **GETFIT.COM** [US/US]; 3200 Bridge Parkway, Redwood Shores, CA 94065 (US).
- (72) Inventors: **FELLED, Oded**; Apartment 102, 575 S. Rengstorff Avenue, Mountain View, CA 94040 (US). **LEVITT, Reuven**; 880 Lathrop Drive, Stanford, CA 94305 (US). **MEZVINSKY, Marc**; 815 Woodbine Avenue, Narbeth, PA 19072 (US). **WIENER, Adam**; 127 Nochos Road, Cohasset, MA 02025 (US). **HAGLE, Chad**; Apartment 318, 250 Del Medio Avenue, Mountain View, CA 94040 (US).
- (81) Designated States (*national*): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— *Without international search report and to be republished upon receipt of that report.*
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

WO 01/16855 A2

(54) Title: METHOD AND APPARATUS FOR ESTABLISHING, MAINTAINING, AND IMPROVING AN EXERCISE, NUTRITION, OR REHABILITATION REGIME

(57) Abstract: The invention provides a personalized health, nutrition, and fitness data delivery system that operates over multiple interactive platforms, and that is synchronized via the World Wide Web. A side from conventional printing capabilities, the herein described fitness training system works with multiple interactive electronic devices such as the Palm Pilot and the VitalWatch, which is a wrist based, Web-enabled personal trainer. A key feature of the herein described system is the GetFit.com Web site which houses intelligent technology, along with a complete set of software tools used to create and manage fitness programs and transfer them to and from a portable device, such as the Palm Pilot or VitalWatch. The site also provides its visitors with a rich interactive experience where they can educate themselves on proper fitness training techniques and nutrition, and communicate with other users who have similar interests.

CLAIMS

5

1. A data delivery system, comprising:
an application resident in a computer for creating and managing one or more health, nutrition, and/or fitness programs;

means within said application for generating said one or more health,
10 nutrition, and/or fitness programs for transfer to either of a portable device or a printer;

said computer comprising an interface for transferring said one or more health, nutrition, and/or fitness programs between said computer and said portable device if said system is configured to include a portable device;

15 said computer comprising means for allowing an individual user to transfer a current health, nutrition, and/or fitness programs to said portable device directly from said computer if said system is configured to include a portable device;

wherein said individual user inputs performance data into said portable
20 device while working out if said system is configured to include a portable device, or said individual user inputs performance data directly into said system if said system is not configured to include a portable device; and

wherein said performance data is input to said computer at said individual user's convenience;

25 said application further comprising means for recording said performance data; and

means for providing real time feedback and analysis with respect to said performance data.

30 2. The system of Claim 1, wherein either of said portable device and a printout leads said individual user through a fitness regime step-by-step

during a workout, indicating any of which exercises to perform, a number of sets and repetitions, a weight to be used, and a rest time between exercises.

3. The system of Claim 1, said application further comprising any of:
5 means for user profiling;
means for program creation;
means for program management; and
means for program analysis.
- 10 4. The system of Claim 1, said application further comprising:
one or more intelligent agents for determining best fit programs that
provide each individual user with increasingly customized feedback over time.
- 15 5. The system of Claim 3, said means for user profiling comprising:
means for performing a thorough assessment of an individual user,
said assessment comprising any of:
biometrics, medical history/profile, diet, and goals.
- 20 6. The system of Claim 5, wherein said assessment further comprises:
means for requiring an individual to take one or more tests.
7. The system of Claim 7, further comprising:
an intelligent agent for evaluating said individual user based upon
information entered by said individual user, as well as information acquired
25 through inferential processes, once said assessment is complete.
8. The system of Claim 7, further comprising:
a memory for storing said information in an individual user's profile.
- 30 9. The system of Claim 8, further comprising:
means for updating said profile dynamically based on performance
data and changes in said individual user's preferences.

10. The system of Claim 8, said profile comprising any of:
personal information and generic goals to be achieved as a result of
using the system.
- 5
11. The system of Claim 3, wherein programs are created either manually
or with an intelligent agent.
12. The system of Claim 11, further comprising:
10 a manual program creation tool that provides individual users with an
intuitive, graphical interface to create a program, said manual program
creation tool comprising:
means for adding exercises to a workout by clicking on a muscle group
to work, selecting a desired exercise from a drop-down menu, and specifying
15 the workout parameters which may include any of sets, repetitions, weight,
and rest.
13. The system of Claim 12, further comprising:
a display for showing a human figure with a muscle group to be
20 exercised highlighted.
14. The system of Claim 13, further comprising:
means for allowing said individual user to select a group of muscles by
a gesture; and
25 means for suggesting exercises that may be performed to work said
selected muscle group.
15. The system of Claim 11, said intelligent agent comprising:
means for creating a personalized program based on information found
30 in an individual user's profile, said program creation agent further comprising:
a declarative knowledge base of constraints comprising an
encapsulation of rules that professionals use to create workout programs.

16. The system of Claim 2, further comprising:
multimedia video clips of professionals performing said exercises with
accompanying explanations.
- 5
17. The system of Claim 3, wherein said means for program management
are managed by an individual user or by an intelligent agent.
18. The system of Claim 17, wherein said intelligent agent automatically
10 creates an entire program and tracks that program through an individual
user's personalized calendar.
19. The system of Claim 3, wherein said means for program analysis
comprises:
- 15 an analysis tool for interpreting program data and providing said
individual user with feedback on program performance.
20. The system of Claim 19, wherein performance data are read into
said analysis tool from said individual user's history profile.
- 20
21. The system of Claim 19, wherein said analysis tool charts the
progress of certain muscles and exercises over time and compares that
data to standard data based on gender and age group.
- 25 22. The system of Claim 2, further comprising:
means for sending intermittent reminders to individual users if
irregularities in said individual user's performance patterns are detected.
23. The system of Claim 2, said application further comprising:

a plurality of rules that are defined independently in any of the following locations:

an exercise template that is used as default when an exercise is put into a workout;

5 a workout template that is used as default when said workout is assigned to a calendar; and

an assigned workout that changes a rule for all workouts of the same type coming after that workout and all corresponding child level workouts by overwriting any previous changes.

10

24. A health and fitness data delivery system, comprising:

an application resident in a computer for creating and managing one or more fitness programs, said application further comprising:

means for user profiling;

15 means for workout creation;

means for workout management; and

means for workout analysis.

25. The system of Claim 24, further comprising:

20 means within said application for generating said one or more fitness programs for transfer to a portable device;

said computer comprising an interface for transferring said one or more fitness programs between said computer and said portable device;

25 said computer comprising means for allowing an individual user to transfer a current fitness program workout to said portable device directly from said computer;

30 wherein said portable device leads said individual user through a fitness routine step-by-step during said workout, indicating any of which exercises to perform, a number of sets and repetitions, a weight to be used, and a rest time between exercises;

wherein said individual user inputs performance data for each exercise into said portable device while working out; and

wherein said performance data is uploaded back to said computer at said individual user's convenience;

said application further comprising means for recording said performance data; and

5 means for providing real time feedback and analysis with respect to said performance data.

26. The system of Claim 24, said means for user profiling comprising:

an intelligent agent for evaluating said individual user's physical
10 condition based upon information entered by said individual user, as well as information acquired through inferential processes, once said assessment is completed, said evaluation comprising any of:

biometrics, medical history/profile, workout history, diet, and goals;

wherein said assessment requires an individual to take one or more
15 tests to determine said individual user's level of fitness;

a memory for storing said information in an individual user's profile;
means for updating said profile dynamically based on performance data and changes in said individual user's preferences;

said profile comprising any of personal information and generic goals to
20 be achieved as a result of using the system.

27. The system of Claim 24, wherein workouts are created manually with a manual workout creation tool that provides individual users with an intuitive, graphical interface to create a workout, said manual workout creation tool
25 comprising:

means for adding exercises to a workout by clicking on a muscle group to work, selecting a desired exercise from a drop-down menu, and specifying the workout parameters which may include any of sets, repetitions, weight, and rest;

30 a display for showing a human figure with a muscle group to be exercised highlighted;

means for allowing said individual user to select a group of muscles by a gesture; and

means for suggesting exercises that may be performed to work said selected muscle group.

5

28. The system of Claim 24, wherein workouts are created with an intelligent agent comprising:

means for creating a personalized workout based on information found in an individual user's profile, said workout creation agent further comprising:

10 a declarative knowledge base of constraints comprising an encapsulation of rules that personal trainers use to create workout programs.

29. The system of Claim 24, wherein said means for workout management are managed by an intelligent agent, wherein said intelligent agent
15 automatically creates an entire workout program and tracks that program through an individual user's personalized calendar.

30. The system of Claim 24, wherein said means for workout analysis comprises:

20 an analysis tool for interpreting workout data and providing said individual user with feedback on workout performance;

wherein performance data are read into said analysis tool from said individual user's workout history profile; and

25 wherein said analysis tool charts the progress of certain muscles and exercises over time and compares that data to standard data based on gender and age group.

31. The system of Claim 24, said application further comprising:

30 a plurality of rules that are defined independently in any of the following locations:

an exercise template that is used as default when an exercise is put into a workout;

a workout template that is used as default when said workout is assigned to a calendar; and

an assigned workout that changes a rule for all workouts of the same type coming after that workout and all corresponding child level workouts by
5 overwriting any previous changes.

32. A health and fitness data delivery system, comprising:

 a portable device comprising a display, a user input mechanism, a memory for storage workout and user information, and an interface for
10 exchanging said workout and user information with another device;

 an application resident in a computer for creating and managing one or more fitness programs;

 means within said application for generating said one or more fitness programs for transfer to said portable device;

15 said computer comprising an interface for transferring said one or more fitness programs between said computer and said portable device;

 said computer comprising means for allowing an individual user to transfer a current fitness program workout to said portable device directly from said computer;

20 wherein said portable device leads said individual user through a fitness routine step-by-step during said workout, indicating any of which exercises to perform, a number of sets and repetitions, a weight to be used, and a rest time between exercises;

 wherein said individual user inputs performance data for each exercise
25 into said portable device while working out; and

 wherein said performance data is uploaded back to said computer at said individual user's convenience;

 said application further comprising means for recording said performance data; and

30 means for providing real time feedback and analysis with respect to said performance data.

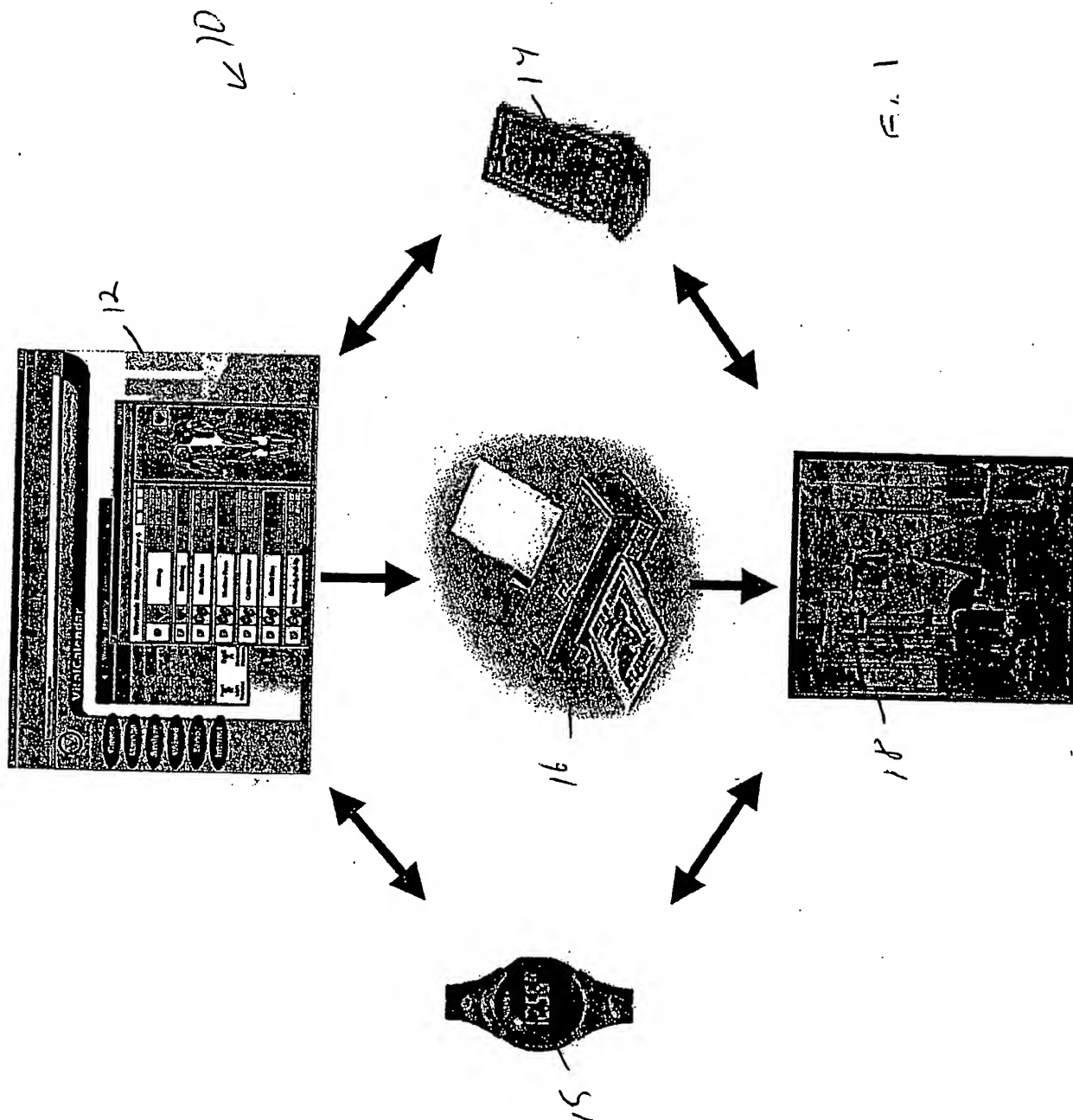
33. A health and fitness data delivery system, comprising:

a portable device comprising a display, a user input mechanism, a memory for storage workout and user information, and an interface for exchanging said workout and user information with an application resident in
5 a computer for creating and managing one or more fitness programs, said application generating said one or more fitness programs for transfer to said portable device;

wherein said portable device leads said individual user through a fitness routine step-by-step during said workout, indicating any of which
10 exercises to perform, a number of sets and repetitions, a weight to be used, and a rest time between exercises;

wherein said individual user inputs performance data for each exercise into said portable device while working out; and

wherein said performance data is uploaded back to said computer at
15 said individual user's convenience.



27/3,K/100 (Item 100 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013556466 **Image available**
WPI Acc No: 2001-040673/200105
XRPX Acc No: N01-030338

Health related information delivery for Internet based health education system, involves determining whether progress is made to achieve preset level of health information forwarded to user, using attribute values

Patent Assignee: STAYHEALTHY.COM (STAY-N)

Inventor: CARNES B J; COLLINS J R; DAVIS L G; GREEN R L; KAVARS C L;
PETERSEN B W; SCHLAGER K J

Number of Countries: 089 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200052604	A1	20000908	WO 2000US5790	A	20000306	200105 B
AU 200037265	A	20000921	AU 200037265	A	20000306	200105

Priority Applications (No Type Date): US 2000518781 A 20000303; US 99122932 P 19990305

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200052604	A1	E 47	G06F-017/30	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200037265 A G06F-017/30 Based on patent WO 200052604

Health related information delivery for Internet based health education system, involves determining whether progress is made to achieve preset level of health information forwarded to user, using attribute values

Abstract (Basic):

... Attribute values related to the fat/muscle composition, pulse rate and user body movements, are received from the user. Based on attribute values, health related information are identified and forwarded to user, to receive secondary set of attribute values from user. Based on secondary set of data, it is determined whether progress is made to achieve...

... The attribute values are received from the user, by querying the user with questions relating to at least one of exercise preferences, social/learning tendencies and behavioral tendencies of the user, and receiving responses to the questions from the user. Education materials chosen from medical/health related journals, video clips and journals are assembled as health related information. The health related information are identified, by matching the attribute values with that of the education materials. The matching is performed by forming a vector based on the attribute values of the user data, which is then compared with the vector formed based on the attribute values of the education materials, for forwarding health related information to the user. The progress in achieving a preset level of fat/muscle composition ratio is determined from another set of attribute values received from the user from time to time. INDEPENDENT CLAIMS are also included for the following...

...c) computer system for delivering health related information to client computer...

PCT = PCT/US00/05790

Provisional
Expired

...For use in **Internet** based health education system for delivering health related information used for preventing and monitoring diseases

...

...heart failure, diabetes, etc. Also for educating individuals on health related topics such as diet, **exercise**, pharmaceutical regimens and self-examination...

...Provides cost effective health educational systems that promote health, and **fitness** of **users**. Enables early detection of health problems, continuous and inexpensive monitoring of critical and non-critical...

...like obesity, drug abuse, diabetes, etc, are prevented. The health education system continuously modifies it **user**'s health related behavior through distribution of health and wellness educational material that is preferably **customized** to the individual **users**, based on the **user**'s behavioral models, cognitive processing tendencies, physiological measures, **questionnaire** results and patient's health goals and interests. Optimizes the **user**'s educational regimen, based on **user**'s physiological and behavioral base measures...

...Title Terms: **USER** ;

International Patent Class (Main): G06F-017/30

...Manual Codes (EPI/S-X): **T01-J05B** ...

... **T01-J05C** ...

... **T01-J07A** ...

... **T01-M02A1B**



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 : G06F 17/30	A1	(11) International Publication Number: WO 00/52604 (43) International Publication Date: 8 September 2000 (08.09.00)
(21) International Application Number: PCT/US00/05790 (22) International Filing Date: 6 March 2000 (06.03.00) (30) Priority Data: 60/122,932 5 March 1999 (05.03.99) US Not furnished 3 March 2000 (03.03.00) US (71) Applicant: STAYHEALTHY.COM [US/US]; 690 1/2 E. Bridge Street, Elkader, IA 52043 (US). (72) Inventors: COLLINS, John, R.; 225 Elcilo Lane, Bradbury, CA 91010 (US). GREEN, Ronald, L.; 906 North Main Street, Elkader, IA 52043 (US). DAVIS, Leslie, G.; 301 Chestnut Street, Elkader, IA 52043 (US). KAVARS, Christopher, L.; 160 Sandy Lane, Clemmont, IA 52135 (US). CARNES, Bradley, J.; 125 1/2 South Main Street, Elkader, IA 52043 (US). PETERSEN, Brian, W.; 2822 North Frederick Avenue, Milwaukee, WI 53211 (US). SCHLAGER, Kenneth, J.; 12825 Elmwood Road, Elm Grove, WI 53122 (US). (74) Agents: MORRIS, Francis, E. et al.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: SYSTEM AND METHOD FOR ON-LINE HEALTH MONITORING AND EDUCATION		
<pre> graph TD CC1[Client computer 11] <--> I((Internet 13)) CC2[Client computer 11] <--> I I <--> WS[Web Server 15] </pre>		
(57) Abstract <p>A method of delivering health related information to a user (13). The method includes the steps of receiving a first set of data from the user (11), identifying first health related information based on the first set of data and forwarding (15) the first health related information to the user. The method further includes the steps of receiving a second set of data from the user (11) after the first health related information has been forwarded to the user and determining whether progress has been made to achieve a goal based on the second set of a data. A corresponding software application and a system (13) are also discussed.</p>		

THE CLAIMS

What is claimed is:

- 5 1. A method of delivering health related information to a user, comprising:
 receiving a first set of data from the user;
 identifying first health related information based on the first set of data;
 forwarding the first health related information to the user;
 receiving a second set of data from the user after the first health related information
10 has been forwarded to the user; and
 determining whether progress has been made to achieve a goal based on the second
 set of data.
2. The method of claim 1 wherein the step of receiving the first set of data comprises:
15 receiving data relating to at least one of body fat/muscle composition, pulse rate and
 body movements of the user.
3. The method of claim 1 wherein the step of receiving the first set of data from the
 user comprises:
20 querying the user with questions relating to at least one of exercise preferences,
 social/learning tendencies and behavioral tendencies of the user; and
 receiving responses to the questions from the user.
4. The method of claim 1 wherein the step of receiving the second set of data
25 comprises:
 receiving data relating to at least one of body fat/muscle composition, pulse rate and
 body movements of the user.
5. The method of claim 1 wherein the step of receiving the second set of data from the
30 user comprises:
 querying the user with questions relating to at least one of exercise preferences,
 social/learning tendencies and behavioral tendencies of the user; and

receiving responses to the questions from the user.

6. The method of claim 1 further comprising:
receiving the second set of data from the user from time to time.

5

7. The method of claim 1 further comprising:
assembling a plurality of education materials each of which contains health related
information.

- 10 8. The method of claim 7 wherein the plurality of education materials are one of
medical/health related journals, video clips and graphics.

9. The method of claim 7 further comprising:
assigning attribute values characterizing the plurality of education materials, wherein
15 the first data set is a collection of attribute values characterizing a health status of the user.

10. The method of claim 9 wherein the step of identifying the first health related
information comprises:
matching the attribute values of the first data set to the attribute values of the
20 plurality of education materials.

11. The method of claim 10 wherein the step of matching comprises:
forming a vector based on the attribute values of the first set of data;
forming a plurality of vectors based on the attribute values of the plurality of
25 education materials; and
comparing the vector of the first set of data with each of the plurality of vectors.

12. The method of claim 10 wherein the step of matching comprises:
performing eigenvector analysis on the attribute values of the plurality of education
30 materials;
transforming the attribute values of the plurality of education materials with one or
more eigenvectors; and

transforming the attribute values with the one or more eigenvectors.

13. The method of claim 12 wherein the step of matching further comprises:
performing a clustering analysis on the transformed attribute values of the plurality
5 of education materials, to thereby identify one or more prototype education materials; and
performing a K nearest neighbor analysis to match the transformed first data set to
the prototype education materials.

14. The method of claim 1 wherein the goal is a predetermined level of body
10 fat/muscle composition ratio.

15. The method of claim 14 further comprising:
selecting a new set of education materials to be forwarded to the user based on
whether or not progress has been made to achieve the goal.

15

16. A method of delivering health related information to a user, comprising:
receiving a first set of data from the user, wherein the first data set is a collection of
attribute values characterizing a health status of the user;
assembling a plurality of education materials each of which contains health related
20 information;
assigning attribute values characterizing the plurality of education materials; and
matching the attribute values of the first data set to the attribute values of the
plurality of education materials.

25 17. The method of claim 16 wherein the step of receiving the first set of data comprises:
receiving data relating to at least one of body fat/muscle composition, pulse rate and
body movements of the user.

18. The method of claim 16 wherein the step of receiving the first set of data from the
30 user comprises:

querying the user with questions relating to at least one of exercise preferences,
social/learning tendencies and behavioral tendencies of the user; and

receiving responses to the questions from the user.

19. The method of claim 16 further comprising:
identifying first health related information based on the matching step; and
5 forwarding the first health related information to the user.
20. The method of claim 19 wherein the plurality of education materials are one of medical/health related journals, video clips and graphics.
- 10 21. The method of claim 16 wherein the step of matching comprises:
forming a vector based on the attribute values of the first set of data;
forming a plurality of vectors based on the attribute values of the plurality of
education materials; and
comparing the vector of the first set of data with each of the plurality of vectors.
15
22. The method of claim 16 wherein the step of matching comprises:
performing eigenvector analysis on the attribute values of the plurality of education
materials;
transforming the attribute values of the plurality of education materials with one or
20 more eigenvectors; and
transforming the attribute values with the one or more eigenvectors.
23. The method of claim 22 wherein the step of matching further comprises:
performing a clustering analysis on the transformed attribute values of the plurality
25 of education materials, to thereby identify one or more prototype education materials; and
performing a K nearest neighbor analysis to match the transformed first data set to
the prototype education materials.
24. A method of adjusting calibrations for a plurality of sensors configured to measure a
30 health status of a user, comprising:
receiving data from each of the plurality of sensors;
converting the received data using calibrations for each respective sensor;

comparing the converted data of a first sensor, among the plurality of sensors, with the converted data of other sensors, among the plurality of sensors; and

adjusting the calibration of the first sensor when converted data therefrom exhibit anomaly when compared with the converted data from other sensors.

5

25. The method of claim 24 further comprising:

adjusting calibration of a second sensor, among the plurality of sensors, when a third sensor, among the plurality of sensors, indicates a change in the health status of the user.

10 26. The method of claim 25 further comprising:

receiving body fat/muscle composition data from the second sensor;

receiving calorie expenditure data from the third sensor; and

adjusting the calibration of the third sensor when the second sensor indicates a change in the measured body fat/muscle composition.

15

27. A software program implemented in a first computer system for delivering health related information to a second computer, the software program configuring the first computer to:

receive a first set of data from the second computer;

20 identify first health related information based on the first set of data;

forward the first health related information to the second computer;

receive a second set of data from the second computer after the first health related information has been forwarded to the second computer; and

25 determine whether progress has been made to achieve a goal based on the second set of data.

28. The software of claim 27 further configuring the first computer to:

receive data relating to at least one of body fat/muscle composition, pulse rate and body movements of a user at the second computer as the first set of data.

30

29. The software of claim 27 further configuring the first computer to:

query a user at the second computer with questions relating to at least one of exercise preferences, social/learning tendencies and behavioral tendencies of the user; and receive responses to the questions from the user as the first set of data.

- 5 30. The software of claim 27 further configuring the first computer to:
 receive data relating to at least one of body fat/muscle composition, pulse rate and
 body movements of a user at the second computer as the second set of data.
- 10 31. The software of claim 27 further configuring the first computer to:
 query a user at the second computer with questions relating to at least one of
 exercise preferences, social/learning tendencies and behavioral tendencies of the user; and
 receive responses to the questions from the user as the second set of data.
- 15 32. The software of claim 27 further configuring the first computer to:
 receive the second set of data from a user at the second computer from time to time.
- 20 33. The software of claim 27 further configuring the first computer to:
 assemble a plurality of education materials each of which contains health related
 information.
- 25 34. The software of claim 33 wherein the plurality of education materials are one of
 medical/health related journals, video clips and graphics.
- 30 35. The software of claim 33 further configuring the first computer to:
 assign attribute values characterizing the plurality of education materials, wherein
 the first data set is a collection of attribute values characterizing a health status of a user at
 the second computer.
36. The software of claim 35 further configuring the first computer to:
 match the attribute values of the first data set to the attribute values of the plurality
 of education materials.

37. The software of claim 36 further configuring the first computer to:
form a vector based on the attribute values of the first set of data;
form a plurality of vectors based on the attribute values of the plurality of education materials; and
5 compare the vector of the first set of data with each of the plurality of vectors.
38. The software of claim 36 further configuring the first computer to:
perform eigenvector analysis on the attribute values of the plurality of education materials;
10 transform the attribute values of the plurality of education materials with one or more eigenvectors; and
transform the attribute values with the one or more eigenvectors.
39. The software of claim 36 further configuring the first computer to:
15 perform a clustering analysis on the transformed attribute values of the plurality of education materials, to thereby identify one or more prototype education materials; and
perform a K nearest neighbor analysis to match the transformed first data set to the prototype education materials.
- 20 40. The software of claim 27 wherein the goal is a predetermined level of body fat/muscle composition ratio.
41. The software of claim 40 further configuring the first computer to:
select a new set of education materials to be forwarded to the user based on whether
25 or not the progress has been made to achieve the goal.
42. A software program implemented in a first computer system for delivering health related information to a second computer, the software program configuring the first computer to:
30 receive a first set of data from a user at the second computer, wherein the first data set is a collection of attribute values characterizing a health status of the user;

assemble a plurality of education materials each of which contains health related information;

assign attribute values characterizing the plurality of education materials; and

match the attribute values of the first data set to the attribute values of the plurality
5 of education materials.

43. The software of claim 42 further configuring the first computer to:
receive data relating to at least one of body fat/muscle composition, pulse rate and
body movements of the user as the first set of data.

10

44. The software of claim 42 further configuring the first computer to:
query the user with questions relating to at least one of exercise preferences,
social/learning tendencies and behavioral tendencies of the user; and
receive responses to the questions from the user as the first set of data.

15

45. The software of claim 42 further configuring the first computer to:
identify first health related information based on the match; and
forward the first health related information to the user.

20 46. The software of claim 45 wherein the plurality of education materials are one of
medical/health related journals, video clips and graphics.

47. The software of claim 42 further configuring the first computer to:

form a vector based on the attribute values of the first set of data;

25 form a plurality of vectors based on the attribute values of the plurality of education
materials; and

compare the vector of the first set of data with each of the plurality of vectors.

48. The software of claim 42 further configuring the first computer to:

30 perform eigenvector analysis on the attribute values of the plurality of education
materials;

transform the attribute values of the plurality of education materials with one or more of eigenvectors; and

transform the attribute values with the one or more eigenvectors.

- 5 49. The software of claim 48 further configuring the first computer to:
perform a clustering analysis on the transformed attribute values of the plurality of education materials, to thereby identify one or more prototype education materials; and
perform a K nearest neighbor analysis to match the transformed first data set to the prototype education materials.

10

50. A software program implemented in a computer system for adjusting calibrations for a plurality of sensors, the software program configuring the computer to:
receive data from each of the plurality of sensors;
convert the received data using calibrations for each respective sensor;
15 compare the converted data of a first sensor, among the plurality of sensors, with the converted data of other sensors, among the plurality of sensors; and
adjust the calibration of the first sensor when converted data therefrom exhibit anomaly when compared with the converted data from other sensors.

- 20 51. The software of claim 50 further configuring the computer to:
adjust calibration of a second sensor, among the plurality of sensors, when a third sensor, among the plurality of sensors, indicates a change in the health status of the user.

52. The software of claim 51 further configuring the computer to:
25 receive body fat/muscle composition data from the second sensor;
receive calorie expenditure data from the third sensor; and
adjust the calibration of the third sensor when the second sensor indicates a change in the measured body fat/muscle composition.

- 30 53. A computer system for delivering health related information to a client computer, comprising:
a server computer configured to:

receive a first set of data from the client computer;
identify first health related information based on the first set of data;
forward the first health related information to the client computer;
receive a second set of data from the client computer after the first health related
5 information has been forwarded to the client computer; and
determine whether progress has been made to achieve a goal based on the second set
of data.

54. The system of claim 53 wherein the server computer is further configured to:
10 receive data relating to at least one of body fat/muscle composition, pulse rate and
body movements of a user at the client computer as the first set of data.

55. The system of claim 53 wherein the server computer is further configured to:
query a user at the client computer with questions relating to at least one of exercise
15 preferences, social/learning tendencies and behavioral tendencies of the user; and
receive responses to the questions from the user as the first set of data.

56. The system of claim 53 wherein the server computer is further configured to:
receive data relating to at least one of body fat/muscle composition, pulse rate and
20 body movements of a user at the client computer as the second set of data.

57. The system of claim 53 wherein the server computer is further configured to:
query a user at the client computer with questions relating to at least one of exercise
preferences, social/learning tendencies and behavioral tendencies of the user; and
25 receive responses to the questions from the user as the second set of data.

58. The system of claim 53 wherein the server computer is further configured to:
receive the second set of data from a user at the client computer from time to time.

30 59. The system of claim 53 wherein the server computer is further configured to:
assemble a plurality of education materials each of which contains health related
information.

60. The system of claim 59 wherein the plurality of education materials are one of medical/health related journals, video clips and graphics.

61. The system of claim 59 wherein the server computer is further configured to:

5 assign attribute values characterizing the plurality of education materials, wherein the first data set is a collection of attribute values characterizing a health status of a user at the client computer.

62. The system of claim 61 wherein the server computer is further configured to:

10 match the attribute values of the first data set to the attribute values of the plurality of education materials.

63. The system of claim 62 wherein the server computer is further configured to:

15 form a vector based on the attribute values of the first set of data;
form a plurality of vectors based on the attribute values of the plurality of education materials; and
compare the vector of the first set of data with each of the plurality of vectors.

64. The system of claim 62 wherein the server computer is further configured to:

20 perform eigenvector analysis on the attribute values of the plurality of education materials;

transform the attribute values of the plurality of education materials with one or more eigenvectors; and

25 transform the attribute values with the one or more eigenvectors.

65. The system of claim 62 wherein the server computer is further configured to:

perform a clustering analysis on the transformed attribute values of the plurality of education materials, to thereby identify one or more prototype education materials; and

30 perform a K nearest neighbor analysis to match the transformed first data set to the prototype education materials.

66. The system of claim 53 wherein the goal is a predetermined level of body fat/muscle composition ratio.

67. The system of claim 66 wherein the server computer is further configured to:
5 select a new set of education materials to be forwarded to the user based on whether or not the progress has been made to achieve the goal.

68. A computer system for delivering health related information to a client computer, comprising:
10 a server computer configured to:
receive a first set of data from a user at the client computer, wherein the first data set is a collection of attribute values characterizing a health status of the user;
assemble a plurality of education materials each of which contains health related information;
15 assign attribute values characterizing the plurality of education materials; and
match the attribute values of the first data set to the attribute values of the plurality of education materials.

69. The system of claim 68 wherein the server computer is further configured to:
20 receive data relating to at least one of body fat/muscle composition, pulse rate and body movements of the user as the first set of data.

70. The system of claim 68 wherein the server computer is further configured to:
query the user with questions relating to at least one of exercise preferences,
25 social/learning tendencies and behavioral tendencies of the user; and
receive responses to the questions from the user as the first set of data.

71. The system of claim 68 wherein the server computer is further configured to:
identify first health related information based on the match; and
30 forward the first health related information to the user.

72. The system of claim 71 wherein the plurality of education materials are one of medical/health related journals, video clips and graphics.
73. The system of claim 68 wherein the server computer is further configured to:
5 form a vector based on the attribute values of the first set of data;
form a plurality of vectors based on the attribute values of the plurality of education materials; and
compare the vector of the first set of data with each of the plurality of vectors.
- 10 74. The system of claim 68 wherein the server computer is further configured to:
perform eigenvector analysis on the attribute values of the plurality of education materials;
transform the attribute values of the plurality of education materials with one or more of eigenvectors; and
15 transform the attribute values with the one or more eigenvectors.
75. The system of claim 74 wherein the server computer is further configured to:
perform a clustering analysis on the transformed attribute values of the plurality of education materials, to thereby identify one or more prototype education materials; and
20 perform a K nearest neighbor analysis to match the transformed first data set to the prototype education materials.
76. A system for adjusting calibrations for a plurality of sensors, comprising:
a computer configured to:
25 receive data from each of the plurality of sensors;
convert the received data using calibrations for each respective sensor;
compare the converted data of a first sensor, among the plurality of sensors, with the converted data of other sensors, among the plurality of sensors; and
adjust the calibration of the first sensor when converted data therefrom exhibit
30 anomaly when compared with the converted data from other sensors.
77. The system of claim 76 wherein the computer is further configured to:

adjust calibration of a second sensor, among the plurality of sensors, when a third sensor, among the plurality of sensors, indicates a change in the health status of the user.

78. The system of claim 77 wherein the computer is further configured to:
- 5 receive body fat/muscle composition data from the second sensor;
receive calorie expenditure data from the third sensor; and
adjust the calibration of the third sensor when the second sensor indicates a change
in the measured body fat/muscle composition.
- 10 79. The system of claim 76 wherein the computer is further configured to:
process the received data, to thereby minimize hardware requirement of the plurality
of sensors.

27/3,K/105 (Item 105 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013334144 **Image available**
WPI Acc No: 2000-506083/200045
XRPX Acc No: N00-374231

Distributed access network method for providing on-line customer access to wellness information and retail products, includes controller which offers practical guidelines and advice to improve the user 's profiles

Patent Assignee: CURRY J P (CURR-I)

Inventor: CURRY J P

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200046731	A1	20000810	WO 2000US1321	A	20000119	200045 B
AU 200024161	A	20000825	AU 200024161	A	20000119	200059
US 20020059359	A1	20020516	US 99118262	P	19990202	200237
			US 99449237	A	19991124	

Priority Applications (No Type Date): US 99449237 A 19991124; US 99118262 P 19990202

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200046731 A1 E 41 G06F-019/00

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200024161 A G06F-019/00 Based on patent WO 200046731

US 20020059359 A1 G06F-015/16 Provisional application US 99118262

Distributed access network method for providing on-line customer access to wellness information and retail products, includes controller which offers practical guidelines and advice to improve the user 's profiles

Abstract (Basic):

... The controller (105) accesses the relevant **user** information to evaluate the **user 's fitness** , nutrition and wellness **profiles** according to the **user 's** rights. the controller than offers practical guidelines and advice to improve the **user 's profiles** which may be in the form of a **user** improvement plan. When **users** update lifestyle information, the system retains a **profile** history that **users** can later access to monitor their program progress.

... for providing access to wellness related services including at least one of wellness, health or **fitness** services through a publicly accessible distributed **network** .

...

...For providing distributed access to **fitness** , nutrition, and wellness information and related products...

...Provides a simple and **user** -friendly interface that allows **users** to custom design interactive **fitness** , diet, and rehabilitation programs and purchase goods through the convenience of a distributed **network** .

...Title Terms: **NETWORK** ;

International Patent Class (Main): G06F-015/16 ...

... G06F-019/00

International Patent Class (Additional): G06F-017/60

Manual Codes (EPI/S-X): T01-H07C ...

... T01-J05A1 ...

... T01-J05B

27/3,K/119 (Item 119 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011384851 **Image available**
WPI Acc No: 1997-362758/199733
Related WPI Acc No: 1996-115517; 1996-229693
XRPX Acc No: N97-301681

Exercise machine control and evaluation system for motorised treadmill
- has controller attached to machine storing programs to regulate
operation and communications link for modification and evaluation

Patent Assignee: ICON HEALTH & FITNESS INC (ICON-N)

Inventor: BINGHAM C G; BREWER D P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5645509	A	19970708	US 91724732	A	19910702	199733 B
			US 92836105	A	19920214	
			US 92990605	A	19921214	
			US 94278994	A	19940722	

Priority Applications (No Type Date): US 92836105 A 19920214; US 91724732 A
19910702; US 92990605 A 19921214; US 94278994 A 19940722

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5645509	A		53	C	CIP of application US 91724732 Cont of application US 92836105 Cont of application US 92990605 CIP of patent US 5512025

Exercise machine control and evaluation system for motorised treadmill

...

...Abstract (Basic): The **exercise** system includes an **exercise** machine
with an associated console, an external source of input signals, and a
display. A...

...into which modules (16) can be slotted as part of the control system. An
adjustment **arrangement** regulates the speed of movement of the belt as
well as the resistance to movement...

...resistance to movement. An input can be received from a remote location
via a telecommunications **network** by means of telephone lines or by an
external computer connected to a local computer **network**. This enables
the selection or supplying of the **exercise** programs from the console,
for operation of the related **exercise** machine...

...USE/ADVANTAGE - Also for **exercise** bicycle. Provides **user**
programmable machine, allowing selection from several **individualised**
programs. Allows connection to remote controls, video system, and
remote input from adviser...

Title Terms: **EXERCISE** ;

27/3,K/99 (Item 99 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013661630 **Image available**
WPI Acc No: 2001-145842/200115
XRPX Acc No: N01-106626

**Therapy system to prevent repetitive stress injuries to computer user ,
has computer software program existing in computer memory to implement
administrator directed therapy process**

Patent Assignee: HEUVELMAN J A (HEUV-I)
Inventor: HEUVELMAN J A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6142910	A	20001107	US 99332209	A	19990611	200115 B

Priority Applications (No Type Date): US 99332209 A 19990611

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6142910	A	14	G01H-011/00	

**Therapy system to prevent repetitive stress injuries to computer user ,
has computer software program existing in computer memory to implement
administrator directed therapy process**

Abstract (Basic):

... software with password protection is initiated to prevent
unauthorized access to make modifications to the **user profiles** or
interrupt monitoring, comparing or interrupting processors.
... The **system** stores the **computer** software in memory to monitor
the **user** activity of the tactile information input device. The
computer **user** is informed through the video display and speaker to
perform at least one physical therapy...

...a) interactive **computer system** for executing program for initiating
audio/video **exercise** course; program for initiating audio/video
exercise course...

...injury (RSI), occupational overuse syndrome (OOS), cumulative stress
syndrome and toxic neck reflex to computer **user** , computer controlled
industrial machinery operator due to uninterrupted trackball, joystick
...

...Enables the operator to cease running programs operating in the computer
and perform physical therapy **exercises** .

...Title Terms: **USER** ;

...Manual Codes (EPI/S-X): **T01-S02** ...

... **T01-S03**

27/3,K/79 (Item 79 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014559836 **Image available**
WPI Acc No: 2002-380539/200241
XRPX Acc No: N02-297621

Personal training and development delivery system for e.g. consumers, has server which select and present training and development exercises to participant by evaluating and analyzing clarities and biases score

Patent Assignee: CLEAR DIRECTION INC (CLEA-N)

Inventor: SMITH R K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6338628	B1	20020115	US 2000504406	A	20000215	200241 B

Priority Applications (No Type Date): US 2000504406 A 20000215

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6338628	B1	18	G09B-005/00	

... delivery system for e.g. consumers, has server which select and present training and development exercises to participant by evaluating and analyzing clarities and biases score

Abstract (Basic):

... A server executes personal **profile** application program that analyzes **profile** scores and determines **participant** 's strength and weaknesses. A database stores training and development **exercises** which are selected and presented by the server to the **participant** based on evaluation and analysis of clarities and biases of the **participant** to promote participation.

... The server hosts personal **profile** application program that combines clarity and bias scores for each set of value dimensions and set of views into a set of personal **profile** scores. An INDEPENDENT CLAIM is also included for a method for providing systematic training and development **reminders** and **exercises** to a **participant** .

...

...For e.g. consumers engaged in **internet** -based commercial enterprises...

...Enables to determine individual strengths and weaknesses and automatically provides training and development **exercises** the focuses on reinforcing individual strengths and on modifying behavioral weaknesses

...Title Terms: **EXERCISE** ;

Manual Codes (EPI/S-X): **T01-J05B4P** ...

... **T01-N01B9**

27/3,K/69 (Item 69 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014797142 **Image available**
WPI Acc No: 2002-617848/200266
XRPX Acc No: N02-489032

Computer system compares customer 's answer choices with predicted choices corresponding to specific exercise testing system and on match of choices, result page comprising recommended exercise testing system is provided

Patent Assignee: SCHLAGETER D P (SCHL-I)
Inventor: SCHLAGETER D P
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020082947	A1	20020627	US 2000746827	A	20001222	200266 B

Priority Applications (No Type Date): US 2000746827 A 20001222

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020082947	A1	14	G06F-017/60	

Computer system compares customer 's answer choices with predicted choices corresponding to specific exercise testing system and on match of choices, result page comprising recommended exercise testing system is provided

Abstract (Basic):

... A query page comprising questions and answers, is directed to a customer . A comparison program compares the customer 's answer choices with predicted answer choices corresponding to a specific exercise testing system. If the customer 's choices match with the predicted choices, then a server provides a result page to customer . The result page provides the customer with the recommended exercise testing system.

... An INDEPENDENT CLAIM is included for the computer system utilization method...

... Computer system for assisting customer to configure resting ECG system...

...The recommended exercise testing system is efficiently provided to the customer by the result page obtained based on the comparison program ...

...The figure shows the flowchart illustrating the process of providing the recommended exercise testing system to the customer .

...Title Terms: CUSTOMER ;

International Patent Class (Main): G06F-017/60

Manual Codes (EPI/S-X): T01-J06A ...

... T01-N01A2A

LATE BY 15 DAYS

Set	Items	Description
S1	412990	ONLINE? OR (SERVER? OR COMPUTER?) (2N)SYSTEM? OR NETWORK? OR NET? ?
S2	110189	INTERNET? OR WORLD()WIDE()WEB OR WEBPAGE? OR WEBSITE? OR WEB() (SITE? OR PAGE? OR ADDRESS?)
S3	309485	LAN? ? OR WAN? ? OR ETHERNET?
S4	1334196	MATCH? OR COINCID? OR COMPATIB? OR PAIR? OR PARTNER? OR IDENTICAL? OR SIMILAR? OR SYNCHRON? OR EQUALIZ? OR EQUALIS?
S5	121884	FITNESS? OR PHYSICAL?(2N) (ENDURANC? OR ACTIVIT?) OR EXERCIS? OR EXERCIZ? OR WORK?()OUT OR WORKOUT? OR SPA? ?
S6	2649	GYM OR GYMNASIUM OR (ATHLET? OR HEALTH? OR RECREATION? OR SPORT?) () (FACILIT? OR CLUB? OR CENTER? OR CENTRE? OR RESORT?)
S7	545978	USER? OR PARTICIPANT? OR SUBSCRIBER? OR ENROLLEE? OR CUSTOMER? OR CLIENT? OR PARTY OR PARTIES
S8	284580	PROFILE? OR CUSTOMIZ? OR CUSTOMIS? OR (TAILOR? OR CUSTOM?) - () (MAKE? OR MAKING? OR MADE?)
S9	340536	PERSONALIZ? OR PERSONALIS? OR INDIVIDUALIZ? OR INDIVIDUALIS? OR PREFEREN?
S10	5860	(SKILL? OR PROFICIEN? OR LOCALE? OR AGE OR GENDER OR SEX) (-3N) (PARAMETER? OR CRITER? OR VALUE?)
S11	4803	(SKILL? OR PROFICIEN? OR LOCALE? OR AGE OR GENDER OR SEX) (-3N) (CHARACTERIST? OR TRAIT? OR ATTRIBUT?)
S12	570265	SCHEDUL? OR CALENDAR? OR AGENDA? OR ITINERAR? OR ARRANGEMENT?
S13	138826	PENCIL?()IN OR (TIME OR DATE OR PLACE OR LOCATION?) (3N) (DATA? OR INFO?)
S14	119187	INVIT? OR EMAIL? OR INSTANT()MESSAG? OR (E OR ELECTRONIC?) - ()MAIL? OR REMINDER? OR PROMPT?
S15	144814	PARTNER? OR BUDDY? OR BUDDIE? OR COMPANION? OR SPOTTER? OR PAL? ? OR FITPAL?
S16	177837	FEEDBACK? OR CLOSED()LOOP? OR FEED?()BACK? OR SUGGESTION? - OR INTERACTIV?
S17	107047	COMMENTS OR COMMENTAR? OR CRITIQU? OR SOLICIT?(2N)OPINION? OR POLL? OR SURVEY? OR QUESTIONAIR? OR QUESTIONNAIR?
S18	151502	IC=G06F?
S19	3183	S1:S3(10N)S5:S6
S20	1430	S19 AND (S4 OR S8:S11) (10N) (S7 OR S15)
S21	1198	S20 AND (S1:S11 OR S15) (10N) (S12:S14 OR S16:S17)
S22	145	S21 AND S5:S6(10N)S8:S11
S23	1074720	AD=2001:2005
S24	61	S22 NOT S23
S25	61	IDPAT (sorted in duplicate/non-duplicate order
S26	379	S21 AND S4 AND S8:S11 AND S7 AND S15
S27	336	S26 AND S12:S13 AND (S14 OR S16)
S28	245	S27 AND S14 AND S16
S29	151	S28 AND S18
S30	74	S29 NOT S22:S23
S31	74	IDPAT (sorted in duplicate/non-duplicate order
S32	383	S21 AND S18 AND S1:S3(5N)S5:S6
S33	100	S32 NOT (S22 OR S30 OR S23)
S34	100	IDPAT (sorted in duplicate/non-duplicate order

File 348:EUROPEAN PATENTS 1978-2005/Sep W04

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=2

Pat Lit
Full
Text
Files

~~3V101.COM~~



US005921891A

United States Patent [19]

Browne

[11] **Patent Number:** **5,921,891**
 [45] **Date of Patent:** **Jul. 13, 1999**

[54] **ADAPTIVE INTERACTIVE EXERCISE SYSTEM**

WO 87/05727 9/1987 WIPO .
 WO 94/02904 3/1994 WIPO .

[75] **Inventor:** James Neville Browne, Woollahra, Australia

OTHER PUBLICATIONS

Derwent Abstract, Accession No. 94-164905/20 Class P31, SU 1799545, A(ALTAI MED INST) Mar. 7, 1993.

[73] **Assignee:** Hayle Brainpower Pty. Ltd., Wollahra, Australia

Primary Examiner—Glenn E. Richman
Attorney, Agent, or Firm—Darby & Darby

[21] **Appl. No.:** 08/913,173

[22] **PCT Filed:** Feb. 21, 1996

[86] **PCT No.:** PCT/AU96/00091

§ 371 Date: Sep. 25, 1997

§ 102(e) Date: Sep. 25, 1997

[87] **PCT Pub. No.:** WO96/26495

PCT Pub. Date: Aug. 29, 1996

[30] **Foreign Application Priority Data**

Feb. 21, 1995 [AU] Australia PN1271

[51] **Int. Cl.⁶** A63B 21/00

[52] **U.S. Cl.** 482/8; 482/1; 482/4; 482/901

[58] **Field of Search** 482/1-9, 51, 54, 482/900-902

[56] **References Cited**

U.S. PATENT DOCUMENTS

4,686,624 8/1987 Blum et al. .
 5,213,555 5/1993 Hood et al. 482/57
 5,466,200 11/1995 Ulrich et al. 482/4

FOREIGN PATENT DOCUMENTS

33968/93 9/1993 Australia .
 0 057 609 8/1982 European Pat. Off. .
 0 650 695 A2 8/1987 European Pat. Off. .

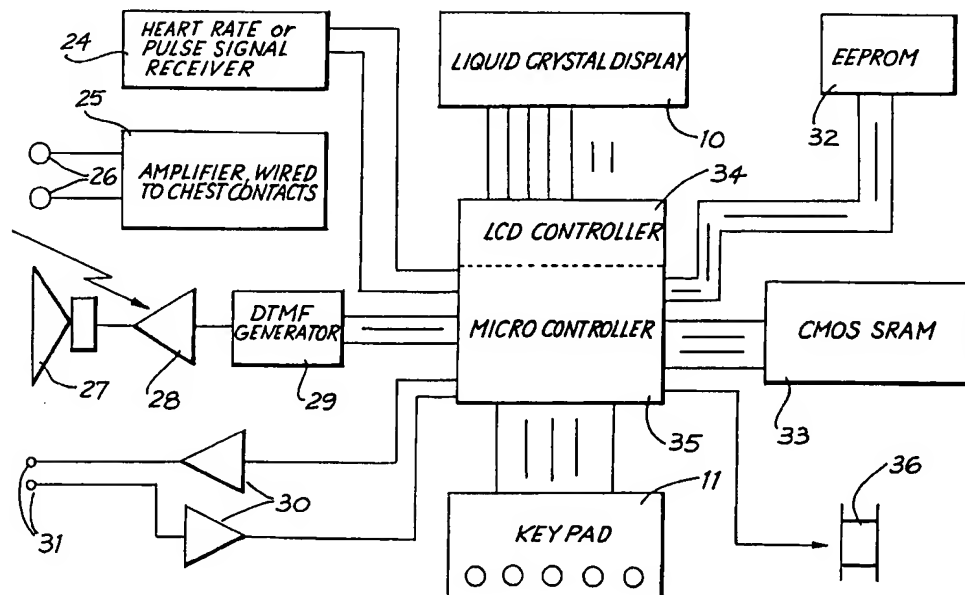
[57] **ABSTRACT**

An improved user monitor 102 is a component of the illustrated monitoring system. This system includes a master data processor in the form of a computer 101 arranged to store physical parameter data for a plurality of users. Each user is provided with a user monitor 102 which is arranged to monitor at least one physical parameter of the user during exercise and store data relating to the physical parameter. This data can subsequently be transmitted to the master data processor by pulse transmission from the user monitor down a telephone line 103. The master data processor then compares the received data with the stored data for the user in order to enable monitoring of the progress of the user in an exercise regimen which has been preset for him.

At the end of each exercise, the exercise monitor screen shows an effort rating of "EFFORT 12".

The client can alter the number anywhere from 6 to 20 by using the keypad 14 on the face of the exercise monitor. The number entered relates to the client's perception of the degree of difficulty experienced during the exercise, for example, 9 is very light, 11 is "fairly light", 14 is "somewhat hard", and 15 is "hard". If a certain undesirable pattern of Effort Rating is detected the monitor is programmed to automatically respond to the undesirable pattern and to slowly alter the prescription.

28 Claims, 6 Drawing Sheets



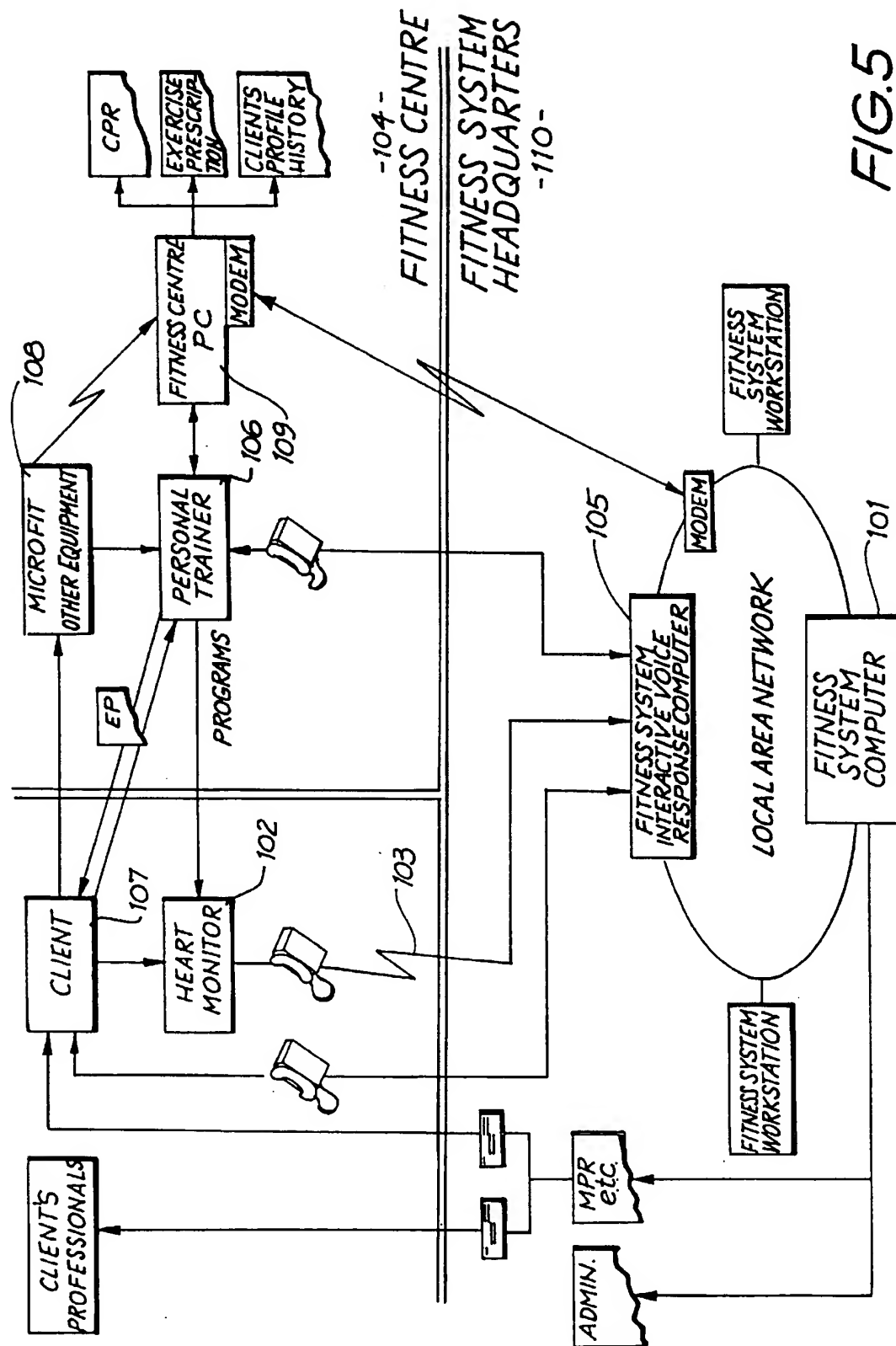


FIG. 5

25/3,K/11 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00254748

INTERACTIVE EXERCISE MONITORING SYSTEM
SYSTEME DE CONTROLE D'EXERCICES INTERACTIF

Patent Applicant/Assignee:

HAYLE BRAINPOWER PTY LTD,
BROWNE Neville,

Inventor(s):

BROWNE Neville,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9402904 A1 19940203

Application: WO 93AU367 19930721 (PCT/WO AU9300367)

Priority Application: AU 923659 19920721; AU 926611 19921231

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BB BG BR BY CA CH CZ DE DK ES FI GB HU JP KP KR KZ LK LU MG MN MW
NL NO NZ PL PT RO RU SD SE SK UA US VN AT BE CH DE DK ES FR GB GR IE IT
LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 10076

INTERACTIVE EXERCISE MONITORING SYSTEM

Fulltext Availability:

Detailed Description

Claims

English Abstract

...a desirable exercise regime. The monitoring device includes communication means enabling connection to a central **computer system** for downloading data recorded during an **exercise** session to the central computer. The central computer has stored information enabling it to compare this information and that sent by the monitoring device to provide performance reports. These enable **feedback** to the **user** via a personal trainer.

Detailed Description

INTERACTIVE EXERCISE MONITORING SYSTEM

The present invention relates to electric toasters and more particularly to electric toasters...an exercise event. This may be

associated with the physical parameter data for the particular **exercise** event1 as a form of "tag" to enable the master **data** processor to **place** in **time** the **data** from the **user** monitor, The **user** monitor also preferably stores 5 data enabling identification of the user by the master data...centre 104 where a series of tests will be conducted in order to establish the **user** 's physiological **profile** . The elements of this **profile** will include the following.

- 1* Weight kg
- 2, Systolic blood pressure mmHg
- 3* Diastolic blood...

...to HDL ratio

- 13, Triglycerides mmole mm
- 14* Glucose mmole/it

The elements of the **user** 's physiological **profile** may be varied from the above list. Additions may be made to the list, elements...

...above
list is one preferred list only.

- 10

Based on the results of this physiological **profile** , an **exercise** programme will be designed for the **user** . The **exercise** programme may have a number of aspects and will depend a great deal on how...

...to increase his fitness gradually, in accordance with his relative "unfitness", The design of particular **exercise** regimens from such physiological **profiles** is known to those people who practise the art, It is considered that the present invention...appropriate calculations utilising the physiological data to produce the suitable exercise regimen for the particular **user** .

Based on the results of the physiological **profile** , an **exercise** programme will be designed with the following features.

1. It will require a "whole of...his heart-rate is above or below predetermined limits, an audible alarm 36 for a **similar** purpose, and control keypad 11 (not shown in detail). -The **user** monitor also includes 5 audio pulse generating means 27, 28, 29 for transmitting data down...length of the plateau time if desired by the user. For example, the user may **want** to carry on **exercising** on the plateau beyond the normal recommended time, This is permitted and the user...to the master data processor, by way of the pulse code output 27* All the **user** has to do is telephone the **interactive** voice response computer 105, hold the pulse code output 27 against the telephone and actuate...

...an exercise event to the master data processor 101 which receives the data over a **network** from the 5 **interactive** voice response computer 105. The **user** monitor 102 may store information for only one **exercise** event.

This **prompts** the **user** to download the data to the master data processor means 101. He will not be...receive a 5 printed report generated by the master data processor which will provide complete **feedback** on his **exercise** activity, This will show whether he stuck to his heart-rate curve during exercise, and...

...it will also show how frequently he exercised,
The user may also return to the **exercise** centre at intervals in order to have his physical **profile** retested and compare current result's with earlier results. In this way the progress and...

...well as monitoring
and comparing data from the user monitor 102, will also

store the **user** information relating to his physiological **profile** , produce the heart-rate data curve-which is ideal for the user, produce regular reports...from the client.

name, address, phone, health history, profession; etc.

44, The PT, using the **Fitness** Centre Personal Computer 109 (FCPC), connects to the **Fitness System Computer** (FSC) 101 at the **Fitness** System Headquarters (FSH) 110 and manually enters the physiological and personal data.

NOTE: assume one...

...this

client. The display may be printed if required.

This data is known as the **Client Profile** Report (CPR).

46, The FSC then displays an **exercise** prescription. This display is copied to a local print format program on the FCPC 109...

...monitor

102 and instructs the client in its use.

48* If this is not the **client** 's first visit the PT may request a **profile** history from the HSC 101 and print this locally from the HCPC 109o

50* Clients will exercise while wearing the HM 102*

51e At the conclusion of their **exercise** the **clients** will phone the **Fitness System Interactive** Voice Response Computer (FSIVR) 105 and down-load a string of DTM.F data that...

Claim

... means is arranged to store heart-rate

data in a form defining a heart-rate **profile** , against time, during the period of a single **exercise** event, and the indicating means includes comparison means for comparing the heart-rate of the **user** during the **exercise** event with the stored heart-rate **profile** , to determine whether or not the **user** 's heart-rate is within predetermined limits of the heart-rate **profile** .

10 The **exercise** monitoring system of claim 9 wherein the heart-rate data is stored as a plurality...

...the users to make a

voice recording, the voice recording being accessible by the respective **user** to receive **feedback** from his trainer.

14 The **exercise** monitoring system of claim 2 wherein the master data processing means is arranged to-operate...the user in maintaining the physical parameter as close as possible to an expected parameter **profile** ,

22 The **exercise** monitor of claim 21 wherein the monitor includes event memory means arranged to store a...

...is arranged to store heart-rate data

in a form to defining a heart-rate **profile** , against time,

during the period of a single **exercise** event, and the indicating means includes comparison means for comparing the heart-rate of the **user** during the **exercise** event with the stored heart-rate **profile** , to determine whether or not the **user** 's heart-rate is within predetermined limits of the heart-rate **profile** .

25 The **exercise** monitor of claim 24 wherein the heart-rate data is stored as a plurality of...monitoring of claim 37 wherein

heart-rate data in a form defining a heart-rate **profile** , against time, during the period of 'a single **exercise** ' event, is stored in the user monitoring device and the indicating means compares the heart-rate of the **user** during the **exercise** event with the stored heart-rate **profile** , and indicated whether or not the **user** 's heart-rate is within predetermined 'limits of the heart-rate profile.

40 The method...trainer associated with a respective one of the users examines the report produced on the **user** and makes a voice recording on an **interactive** voice recording means and the respective **user** accesses the voice recording to receive **feedback** from his trainer.

44 The method of monitoring of claim 31 wherein the master data...

Set	Items	Description
S1	3786422	ONLINE? OR (SERVER? OR COMPUTER?) (2N)SYSTEM? OR NETWORK? OR NET? ?
S2	518278	INTERNET? OR WORLD()WIDE()WEB OR WEBPAGE? OR WEBSITE? OR WEB() (SITE? OR PAGE? OR ADDRESS?)
S3	938387	LAN? ? OR WAN? ? OR ETHERNET?
S4	6185637	MATCH? OR COINCID? OR COMPATIB? OR PAIR? OR PARTNER? OR IDENTICAL? OR SIMILAR? OR SYNCHRON? OR EQUALIZ? OR EQUALIS?
S5	640369	FITNESS? OR PHYSICAL?(2N) (ENDURANC? OR ACTIVIT?) OR EXERCIS? OR EXERCIZ? OR WORK?()OUT OR WORKOUT? OR SPA? ?
S6	89283	GYM OR GYMNASIUM OR (ATHLET? OR HEALTH? OR RECREATION? OR SPORT?) () (FACILIT? OR CLUB? OR CENTER? OR CENTRE? OR RESORT?)
S7	1795229	USER? OR PARTICIPANT? OR SUBSCRIBER? OR ENROLLEE? OR CUSTOMER? OR CLIENT? OR PARTY OR PARTIES
S8	1369498	PROFILE? OR CUSTOMIZ? OR CUSTOMIS? OR (TAILOR? OR CUSTOM?)-() (MAKE? OR MAKING? OR MADE?)
S9	475041	PERSONALIZ? OR PERSONALIS? OR INDIVIDUALIZ? OR INDIVIDUALIS? OR PREFEREN?
S10	26793	(SKILL? OR PROFICIEN? OR LOCALE? OR AGE OR GENDER OR SEX) (-3N) (PARAMETER? OR CRITER? OR VALUE?)
S11	34063	(SKILL? OR PROFICIEN? OR LOCALE? OR AGE OR GENDER OR SEX) (-3N) (CHARACTERIST? OR TRAIT? OR ATTRIBUT?)
S12	968034	SCHEDUL? OR CALENDAR? OR AGENDA? OR ITINERAR? OR ARRANGEMENT?
S13	257673	PENCIL?()IN OR (TIME OR DATE OR PLACE OR LOCATION?) (3N) (DATA? OR INFO?)
S14	613315	INVIT? OR EMAIL? OR INSTANT()MESSAG? OR (E OR ELECTRONIC?)-()MAIL? OR REMINDER? OR PROMPT?
S15	431209	PARTNER? OR BUDDY? OR BUDDIE? OR COMPANION? OR SPOTTER? OR PAL? ? OR FITPAL?
S16	1578829	FEEDBACK? OR CLOSED()LOOP? OR FEED?()BACK? OR SUGGESTION? -OR INTERACTIV? OR BIDIRECTION? OR BI()DIRECTION? OR ADAPTIV?
S17	3049816	COMMENTS OR COMMENTAR? OR CRITIQUE? OR SOLICIT?(2N)OPINION? OR POLL? OR SURVEY? OR QUESTIONAIR? OR QUESTIONNAIR?
S18	476	S1:S3(10N)S5:S6 AND (S7 OR S15) AND (S4 OR S8:S11)
S19	233	S18 AND (S12:S13 OR S14 OR S16:S17)
S20	342	S18 AND S1:S3(5N)S5:S6
S21	400	S19:S20
S22	260	S21 AND PY<2001
S23	237	RD (unique items)
File	2:INSPEC	1969-2005/Oct W1 (c) 2005 Institution of Electrical Engineers
File	6:NTIS	1964-2005/Oct W1 (c) 2005 NTIS, Intl Cpyrght All Rights Res
File	8:EI	Compendex(R) 1970-2005/Oct W1 (c) 2005 Elsevier Eng. Info. Inc.
File	34:SciSearch	(R) Cited Ref Sci 1990-2005/Oct W2 (c) 2005 Inst for Sci Info
File	35:Dissertation	Abs Online 1861-2005/Sep (c) 2005 ProQuest Info&Learning
File	62:SPIN	(R) 1975-2005/Aug W1 (c) 2005 American Institute of Physics
File	65:Inside	Conferences 1993-2005/Oct W2 (c) 2005 BLDSC all rts. reserv.
File	94:JICST-EPlus	1985-2005/Aug W2 (c)2005 Japan Science and Tech Corp(JST)
File	95:TEME-Technology	& Management 1989-2005/Sep W1 (c) 2005 FIZ TECHNIK
File	99:Wilson	Appl. Sci & Tech Abs 1983-2005/Sep (c) 2005 The HW Wilson Co.

Non Pat
Lit

BIBLIOG.

2100 +

705

DB's

avier.com

File 111:TGG Natl.Newspaper Index(SM) 1979-2005/Oct 11
 (c) 2005 The Gale Group
File 139:EconLit 1969-2005/Oct
 (c) 2005 American Economic Association
File 144:Pascal 1973-2005/Oct W1
 (c) 2005 INIST/CNRS
File 239:Mathsci 1940-2005/Nov
 (c) 2005 American Mathematical Society
File 256:TecInfoSource 82-2005/Nov
 (c) 2005 Info.Sources Inc
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 1998 Inst for Sci Info

23/9,K/117 (Item 2 from file: 111)
DIALOG(R)File 111:TGG Natl.Newspaper Index(SM)
(c) 2005 The Gale Group. All rts. reserv.

06214844 Supplier Number: 60375189
**Gymamerica.com Pumps Up the Go2Net Network ; The Online Fitness and
Nutrition Powerhouse Announces Its Partnership With One of the Web's
Top Portals.**

Business Wire, 0252
March 21, 2000
LANGUAGE: English RECORD TYPE: Citation

COMPANY NAMES: Go2net Inc.
DESCRIPTORS: Online services
GEOGRAPHIC CODES/NAMES: 1USA United States
PRODUCT NAMES: 4811520 (Online Services)
SIC CODES: 4822 Telegraph & other communications
SIC CODES (NAICS): 514191 On-Line Information Services
TICKER SYMBOLS: GNET
FILE SEGMENT: NW File 649

**Gymamerica.com Pumps Up the Go2Net Network ; The Online Fitness and
Nutrition Powerhouse Announces Its Partnership With One of the Web's
Top Portals.**
20000321

23/9,K/119 (Item 4 from file: 111)
DIALOG(R)File 111:TGG Natl.Newspaper Index(SM)
(c) 2005 The Gale Group. All rts. reserv.

05814405 Supplier Number: 54643782
GO Network Launches New Health Center : Exclusive Partnership With
drkoop.com.
Business Wire, 0042
May 17, 1999
LANGUAGE: English RECORD TYPE: Citation

COMPANY NAMES: Go Network; Infoseek Corp.
DESCRIPTORS: Online services
GEOGRAPHIC CODES/NAMES: 1USA United States
PRODUCT NAMES: 4811520 (Online Services); 4811525 (Online Search Services
& Directories)
SIC CODES: 4822 Telegraph & other communications
SIC CODES (NAICS): 514191 On-Line Information Services; 51114 Database
and Directory Publishers
TICKER SYMBOLS: SEEK
FILE SEGMENT: NW File 649

GO Network Launches New Health Center : Exclusive Partnership With
drkoop.com.
19990517

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES.

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☒ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.